

WHAT IS CLAIMED IS:

- 1 1. A reconfigurable input/output controller (IOC), comprising
2 at least one input for receiving a point-to-point transfer instruction; and
3 at least one output for providing a translated point-to-point transfer
4 instruction to an external device.
5
- 6 2. The IOC of claim 1, wherein the IOC operates within an adaptive
7 computing engine.
8
- 9 3. The IOC of claim 2, wherein the adaptive computing engine
10 includes an interconnection network, wherein the external device is included in an
11 external system, the IOC further comprising
12 at least one input coupled to the interconnection network.
13
- 14 4. A physical link adapter comprising
15 a first configurable coupling to a first connector, wherein the first
16 connector receives a first set of signals of a first communication type;
17 a second configurable coupling to a second connector, wherein the
18 second connector receives a second set of signals of a second communication type;
19 and
20 a controller for selectively applying an output of either the first or
21 second configurable coupling to a common bus.